

SOLAR RADIO NOISE STORM AT 164 MHZ

FROM NANÇAY RADIOHELIOGRAPH

APRIL 2004

DAY	HELIOGRAPHICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
	E-W	S-N		START(UT)	END(UT)
02/04/04	-0.52	-0.20	II	8H25 E	15H25 D
03/04/04	-0.25	-0.23	I	8H24 E	15H24 D
04/04/04	+0.30	-0.21	I	8H24 E	15H24 D
05/04/04	+0.64	-0.21	I	8H24 E	15H24 D
07/04/04	-0.06	-0.13	I	8H50 E	15H23 D
08/04/04	+0.24	-0.11	II	8H40 E	13H21 D
09/04/04	+0.53	-0.10	I	10H15 E	13H58 D
15/04/04	+0.64	-0.51	I	12H15	13H11 D
16/04/04	+0.79	-0.54	I	9H35 D	14H59
17/04/04	+0.89	-0.60	I	8H21 E	15H21 D
19/04/04	-0.88	+0.06	I	9H10 E	15H20 D
20/04/04	-0.69	+0.21	I	8H46 E	15H44 D
21/04/04	-0.53	+0.07	I	11H09 E	15H20 D
22/04/04	-0.37	-0.05	III	9H09 E	15H20 D
23/04/04	+0.05	+0.08	I	8H19 E	15H19 D
23/04/04	+1.39	-0.41	I	8H19 E	15H19 D
24/04/04	-0.94	+0.46	I	8H19 E	15H19 D
24/04/04	+0.12	+0.07	I	8H19 E	15H19 D
24/04/04	+0.47	-0.04	I	8H19 E	15H19 D
24/04/04	+1.31	-0.41	I	8H19 E	10H20
25/04/04	+0.46	-0.05	I	8H19 E	15H19 D
25/04/04	+1.26	-0.64	I	8H19 E	11H10
26/04/04	+0.62	-0.22	I	8H19 E	11H40
27/04/04	-0.18	+0.35	IV	8H19 E	15H19 D

¹ POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT² IMP1: FLUX < 5 SFU IMP2: 5 < FLUX < 20 SFU IMP3: 20 < FLUX < 100 SFU
IMP4: 100 < FLUX < 300 SFU IMP5 > 300 SFU³ E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS
D NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

SOLAR RADIO NOISE STORM AT 327 MHZ
FROM NANÇAY RADIOHELIOGRAPH

APRIL 2004

DAY	HELIOGRAPHICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
02/04/04	-0.40	-0.17	I	8H25 E	15H25 D
03/04/04	-0.18	-0.22	I	8H24 E	15H24 D
03/04/04	+0.10	-0.14	I	8H24 E	15H24 D
04/04/03	+0.33	-0.14	II	8H24 E	15H24 D
05/04/03	+0.61	-0.18	I	8H24 E	15H24 D
06/04/04	+0.80	-0.20	I	9H10 E	12H10
08/04/04	+0.15	-0.10	I	8H40 E	13H21 D
15/04/04	+0.61	-0.48	I	10H13 E	13H11 D
16/04/04	+0.77	-0.51	I	9H35 E	15H30 D
17/04/04	+0.92	-0.53	I	8H21 E	15H21 D
17/04/04	+1.13	-0.31	I	8H21 E	15H21 D
19/04/04	-0.88	-0.01	I	9H10 E	15H20 D
20/04/04	-0.68	-0.08	I	8H46 E	15H44 D
22/04/04	-0.16	+0.00	III	9H09 E	15H20 D
23/04/04	+0.12	+0.04	I	8H19 E	15H19 D
24/04/04	-0.94	+0.37	I	8H19 E	15H19 D
24/04/04	+0.41	-0.04	I	8H19 E	15H19 D
24/04/04	+0.23	-0.01	I	8H19 E	15H19 D
24/04/04	+1.23	-0.29	I	8H19 E	15H19 D
25/04/04	+0.62	+0.00	I	8H19 E	15H19 D
26/04/03	-0.54	+0.42	I	8H19 E	15H19 D
26/04/04	+0.85	+0.00	II	10H56	15H19 D
27/04/04	-0.19	+0.35	II	8H19 E	15H19 D
27/04/04	+1.02	-0.09	II	8H19 E	12H05

01 April : NO DATA

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day. Without a more detailed analysis leading to increased uncertainties in the deviation, the positions which are indicated are estimated within 0.2 R

** Following a large burst

*** importance not well determined due to the proximity off the very strong other source

**** no flux measurements available